Indiana Department of Education
Dr. Katie Jenner, Secretary of Education

2023-2024 K-8 STEM Certification Site Visit Evaluation

Essential Elements are identified in gray.

Domain 1: Culture		
Element	**Description of Element**	**Evidenced By**
Technology in Instruction	Teachers use appropriate instructional technology to enhance STEM teaching and engage students in learning. (3.4)	
	Students actively use technology in STEM disciplines to enhance learning. (3.4)	
STEM Integration	Teachers engage students in lessons using an interdisciplinary approach containing two or more subject areas. (1.2)	
	The engineering design process is implemented into STEM learning. (1.2)	
	Students are actively engaged in project-based learning. (3.2)	
Student Instructional Work Groups	Students are working collaboratively in groups with assigned roles on inquiry or project-based work. (3.3)	
	Students have opportunities to share their work with peers. (3.3)	
	Students actively question, brainstorm, and utilize the design process to make decisions. (3.3)	
Computer Science	Students use computational thinking to create artifacts that demonstrate computer science learning. (2.3)	
STEM Environment	Collaborative workspaces are provided or created for students and teachers to work.	
	Student work from previous STEM projects is displayed throughout the building in a way that supports the ongoing implementation of the STEM program. (2.2)	
	Students have easy access to STEM-related tools and resources.	
STEM Team Presentation	Student ambassadors have the opportunity to share how they participate in integrated STEM instruction or programming through videos, live-presentations, or as	

	guides throughout the site visit. (1.7)	
	Members of the STEM team are present as their schedule allows.	
	The STEM team's presentation gives a high-level overview of the STEM program. Areas of focus could include teacher collaboration, integrated curriculum, community partners, and timeline of the school-wide STEM initiative.	
Total Score		**_/15**